RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _10/556,145_
Source: _IFWP_
Date Processed by STIC: _11/3/06_

ENTERED

RAW SEQUENCE LISTING   DATE: 11/03/2006
PATENT APPLICATION: **US/10/556,145**   TIME: 10:29:43

Input Set : **A:\2006-08-21 0480-0165PUS1.TXT**
Output Set: **N:\CRF4\11032006\J556145.raw**

```
 4 <110> APPLICANT: BELIVEAU, Richard
 5        DEMEULE, Michel
 6        BERTRAND, Yanick
 7        MICHAUD-LEVESQUE, Jonathan
 8        ROLLAND, Yanneve
 9        JODOIN, Julie
11 <120> TITLE OF INVENTION: COMPOUND AND METHOD FOR REGULATING PLASMINOGEN ACTIVATION
12        AND CELL MIGRATION
14 <130> FILE REFERENCE: 0480-0165PUS1
16 <140> CURRENT APPLICATION NUMBER: US 10/556,145
17 <141> CURRENT FILING DATE: 2005-11-09
19 <150> PRIOR APPLICATION NUMBER: PCT/CA2004/000697
20 <151> PRIOR FILING DATE: 2004-05-07
22 <150> PRIOR APPLICATION NUMBER: US 60/469,000
23 <151> PRIOR FILING DATE: 2003-05-09
25 <160> NUMBER OF SEQ ID NOS: 19
27 <170> SOFTWARE: FastSEQ for Windows Version 4.0
29 <210> SEQ ID NO: 1
30 <211> LENGTH: 738
31 <212> TYPE: PRT
32 <213> ORGANISM: Homo Sapiens
34 <400> SEQUENCE: 1
35 Met Arg Gly Pro Ser Gly Ala Leu Trp Leu Leu Leu Ala Leu Arg Thr
36  1               5                   10                  15
37 Val Leu Gly Gly Met Glu Val Arg Trp Cys Ala Thr Ser Asp Pro Glu
38              20                  25                  30
39 Gln His Lys Cys Gly Asn Met Ser Glu Ala Phe Arg Glu Ala Gly Ile
40          35                  40                  45
41 Gln Pro Ser Leu Leu Cys Val Arg Gly Thr Ser Ala Asp His Cys Val
42      50                  55                  60
43 Gln Leu Ile Ala Ala Gln Glu Ala Asp Ala Ile Thr Leu Asp Gly Gly
44 65                  70                  75                  80
45 Ala Ile Tyr Glu Ala Gly Lys Glu His Gly Leu Lys Pro Val Val Gly
46              85                  90                  95
47 Glu Val Tyr Asp Gln Glu Val Gly Thr Ser Tyr Tyr Ala Val Ala Val
48              100                 105                 110
49 Val Arg Arg Ser Ser His Val Thr Ile Asp Thr Leu Lys Gly Val Lys
50          115                 120                 125
51 Ser Cys His Thr Gly Ile Asn Arg Thr Val Gly Trp Asn Val Pro Val
52      130                 135                 140
53 Gly Tyr Leu Val Glu Ser Gly Arg Leu Ser Val Met Gly Cys Asp Val
54 145                 150                 155                 160
55 Leu Lys Ala Val Ser Asp Tyr Phe Gly Gly Ser Cys Val Pro Gly Ala
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```
 56                165               170               175
 57 Gly Glu Thr Ser Tyr Ser Glu Ser Leu Cys Arg Leu Cys Arg Gly Asp
 58                180               185               190
 59 Ser Ser Gly Glu Gly Val Cys Asp Lys Ser Pro Leu Glu Arg Tyr Tyr
 60           195               200               205
 61 Asp Tyr Ser Gly Ala Phe Arg Cys Leu Ala Glu Gly Ala Gly Asp Val
 62      210               215               220
 63 Ala Phe Val Lys His Ser Thr Val Leu Glu Asn Thr Asp Gly Lys Thr
 64 225               230               235               240
 65 Leu Pro Ser Trp Gly Gln Ala Leu Leu Ser Gln Asp Phe Glu Leu Leu
 66           245               250               255
 67 Cys Arg Asp Gly Ser Arg Ala Asp Val Thr Glu Trp Arg Gln Cys His
 68           260               265               270
 69 Leu Ala Arg Val Pro Ala His Ala Val Val Val Arg Ala Asp Thr Asp
 70           275               280               285
 71 Gly Gly Leu Ile Phe Arg Leu Leu Asn Glu Gly Gln Arg Leu Phe Ser
 72      290               295               300
 73 His Glu Gly Ser Ser Phe Gln Met Phe Ser Ser Glu Ala Tyr Gly Gln
 74 305               310               315               320
 75 Lys Asp Leu Leu Phe Lys Asp Ser Thr Ser Glu Leu Val Pro Ile Ala
 76           325               330               335
 77 Thr Gln Thr Tyr Glu Ala Trp Leu Gly His Glu Tyr Leu His Ala Met
 78           340               345               350
 79 Lys Gly Leu Leu Cys Asp Pro Asn Arg Leu Pro Pro Tyr Leu Arg Trp
 80           355               360               365
 81 Cys Val Leu Ser Thr Pro Glu Ile Gln Lys Cys Gly Asp Met Ala Val
 82      370               375               380
 83 Ala Phe Arg Arg Gln Arg Leu Lys Pro Glu Ile Gln Cys Val Ser Ala
 84 385               390               395               400
 85 Lys Ser Pro Gln His Cys Met Glu Arg Ile Gln Ala Glu Gln Val Asp
 86           405               410               415
 87 Ala Val Thr Leu Ser Gly Glu Asp Ile Tyr Thr Ala Gly Lys Lys Tyr
 88           420               425               430
 89 Gly Leu Val Pro Ala Ala Gly Glu His Tyr Ala Pro Glu Asp Ser Ser
 90           435               440               445
 91 Asn Ser Tyr Tyr Val Val Ala Val Val Arg Arg Asp Ser Ser His Ala
 92      450               455               460
 93 Phe Thr Leu Asp Glu Leu Arg Gly Lys Arg Ser Cys His Ala Gly Phe
 94 465               470               475               480
 95 Gly Ser Pro Ala Gly Trp Asp Val Pro Val Gly Ala Leu Ile Gln Arg
 96           485               490               495
 97 Gly Phe Ile Arg Pro Lys Asp Cys Asp Val Leu Thr Ala Val Ser Glu
 98           500               505               510
 99 Phe Phe Asn Ala Ser Cys Val Pro Val Asn Asn Pro Lys Asn Tyr Pro
100           515               520               525
101 Ser Ser Leu Cys Ala Leu Cys Val Gly Asp Glu Gln Gly Arg Asn Lys
102      530               535               540
103 Cys Val Gly Asn Ser Gln Glu Arg Tyr Tyr Gly Tyr Arg Gly Ala Phe
104 545               550               555               560
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file://C:\CRF4\Outhold\VsrJ556145.htm   11/3/2006

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Input Set : A:\2006-08-21 0480-0165PUS1.TXT
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```
105 Arg Cys Leu Val Glu Asn Ala Gly Asp Val Ala Phe Val Arg His Thr
106                 565                 570                 575
107 Thr Val Phe Asp Asn Thr Asn Gly His Asn Ser Glu Pro Trp Ala Ala
108                 580                 585                 590
109 Glu Leu Arg Ser Glu Asp Tyr Glu Leu Leu Cys Pro Asn Gly Ala Arg
110             595                 600                 605
111 Ala Glu Val Ser Gln Phe Ala Ala Cys Asn Leu Ala Gln Ile Pro Pro
112         610                 615                 620
113 His Ala Val Met Val Arg Pro Asp Thr Asn Ile Phe Thr Val Tyr Gly
114 625                 630                 635                 640
115 Leu Leu Asp Lys Ala Gln Asp Leu Phe Gly Asp Asp His Asn Lys Asn
116                 645                 650                 655
117 Gly Phe Lys Met Phe Asp Ser Ser Asn Tyr His Gly Gln Asp Leu Leu
118                 660                 665                 670
119 Phe Lys Asp Ala Thr Val Arg Ala Val Pro Val Gly Glu Lys Thr Thr
120             675                 680                 685
121 Tyr Arg Gly Trp Leu Gly Leu Asp Tyr Val Ala Ala Leu Glu Gly Met
122         690                 695                 700
123 Ser Ser Gln Gln Cys Ser Gly Ala Ala Ala Pro Ala Pro Gly Ala Pro
124 705                 710                 715                 720
125 Leu Leu Pro Leu Leu Leu Pro Ala Leu Ala Ala Arg Leu Leu Pro Pro
126                 725                 730                 735
127 Ala Leu
130 <210> SEQ ID NO: 2
131 <211> LENGTH: 21
132 <212> TYPE: DNA
133 <213> ORGANISM: Artificial Sequence
135 <220> FEATURE:
136 <223> OTHER INFORMATION: primer sequence
138 <400> SEQUENCE: 2
139 agaagtagca ggaccagagg g                                    21
141 <210> SEQ ID NO: 3
142 <211> LENGTH: 21
143 <212> TYPE: DNA
144 <213> ORGANISM: Artificial Sequence
146 <220> FEATURE:
147 <223> OTHER INFORMATION: antisense primer sequence
149 <400> SEQUENCE: 3
150 tcagtaccca ggcagttatg c                                    21
152 <210> SEQ ID NO: 4
153 <211> LENGTH: 22
154 <212> TYPE: DNA
155 <213> ORGANISM: Artificial Sequence
157 <220> FEATURE:
158 <223> OTHER INFORMATION: primer sequence
160 <400> SEQUENCE: 4
161 tctctccctt ctccaaagac cc                                   22
163 <210> SEQ ID NO: 5
164 <211> LENGTH: 22
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Input Set : A:\2006-08-21 0480-0165PUS1.TXT
Output Set: N:\CRF4\11032006\J556145.raw

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165 <212> TYPE: DNA
166 <213> ORGANISM: Artificial Sequence
168 <220> FEATURE:
169 <223> OTHER INFORMATION: antisense primer sequence
171 <400> SEQUENCE: 5
172 tcaatgagtc cagccagtca gc                                22
174 <210> SEQ ID NO: 6
175 <211> LENGTH: 22
176 <212> TYPE: DNA
177 <213> ORGANISM: Artificial Sequence
179 <220> FEATURE:
180 <223> OTHER INFORMATION: primer sequence
182 <400> SEQUENCE: 6
183 cggagcagtg tggcttattt tc                                22
185 <210> SEQ ID NO: 7
186 <211> LENGTH: 22
187 <212> TYPE: DNA
188 <213> ORGANISM: Artificial Sequence
190 <220> FEATURE:
191 <223> OTHER INFORMATION: antisense primer sequence
193 <400> SEQUENCE: 7
194 caggtgtatt gggtgtcaag gc                                22
196 <210> SEQ ID NO: 8
197 <211> LENGTH: 24
198 <212> TYPE: DNA
199 <213> ORGANISM: Artificial Sequence
201 <220> FEATURE:
202 <223> OTHER INFORMATION: primer sequence
204 <400> SEQUENCE: 8
205 ggacccaaca agttcaagtg tcac                              24
207 <210> SEQ ID NO: 9
208 <211> LENGTH: 22
209 <212> TYPE: DNA
210 <213> ORGANISM: Artificial Sequence
212 <220> FEATURE:
213 <223> OTHER INFORMATION: antisense primer sequence
215 <400> SEQUENCE: 9
216 aagaagaggt aggcgatgga gc                                22
218 <210> SEQ ID NO: 10
219 <211> LENGTH: 25
220 <212> TYPE: DNA
221 <213> ORGANISM: Artificial Sequence
223 <220> FEATURE:
224 <223> OTHER INFORMATION: primer sequence
226 <400> SEQUENCE: 10
227 ccttgaagat gatggactac cctcg                             25
229 <210> SEQ ID NO: 11
230 <211> LENGTH: 24
231 <212> TYPE: DNA
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RAW SEQUENCE LISTING   DATE: 11/03/2006
PATENT APPLICATION: US/10/556,145   TIME: 10:29:43

Input Set : A:\2006-08-21 0480-0165PUS1.TXT
Output Set: N:\CRF4\11032006\J556145.raw

```
232 <213> ORGANISM: Artificial Sequence
234 <220> FEATURE:
235 <223> OTHER INFORMATION: antisense primer sequence
237 <400> SEQUENCE: 11
238 aaaacccaaa aaagcccccc cagc                                  24
240 <210> SEQ ID NO: 12
241 <211> LENGTH: 24
242 <212> TYPE: DNA
243 <213> ORGANISM: Artificial Sequence
245 <220> FEATURE:
246 <223> OTHER INFORMATION: primer sequence
248 <400> SEQUENCE: 12
249 accgaggttg tgtgtgggtt agac                                  24
251 <210> SEQ ID NO: 13
252 <211> LENGTH: 22
253 <212> TYPE: DNA
254 <213> ORGANISM: Artificial Sequence
256 <220> FEATURE:
257 <223> OTHER INFORMATION: antisense primer sequence
259 <400> SEQUENCE: 13
260 caggaagtgg aaggtgtcgt tg                                    22
262 <210> SEQ ID NO: 14
263 <211> LENGTH: 20
264 <212> TYPE: DNA
265 <213> ORGANISM: Artificial Sequence
267 <220> FEATURE:
268 <223> OTHER INFORMATION: primer sequence
270 <400> SEQUENCE: 14
271 ccatcaccat cttccaggag                                       20
273 <210> SEQ ID NO: 15
274 <211> LENGTH: 20
275 <212> TYPE: DNA
276 <213> ORGANISM: Artificial Sequence
278 <220> FEATURE:
279 <223> OTHER INFORMATION: antisense primer sequence
281 <400> SEQUENCE: 15
282 cctgcttcac caccttcttg                                       20
284 <210> SEQ ID NO: 16
285 <211> LENGTH: 24
286 <212> TYPE: DNA
287 <213> ORGANISM: Artificial Sequence
289 <220> FEATURE:
290 <223> OTHER INFORMATION: primer sequence
292 <400> SEQUENCE: 16
293 aaagacattg cgtggtcagg cagc                                  24
295 <210> SEQ ID NO: 17
296 <211> LENGTH: 23
297 <212> TYPE: DNA
298 <213> ORGANISM: Artificial Sequence
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VERIFICATION SUMMARY DATE: 11/03/2006
PATENT APPLICATION: **US/10/556,145** TIME: 10:29:44

Input Set : **A:\2006-08-21 0480-0165PUS1.TXT**
Output Set: **N:\CRF4\11032006\J556145.raw**